

Guardrail Projects -- No. 508113

Category
Subcategory
Administering Agency
Planning Area

Transportation
Traffic Improvements
Transportation
Countywide

Date Last Modified
Required Adequate Public Facility
Relocation Impact
Status

December 19, 2008
No
None.
On-going

EXPENDITURE SCHEDULE (\$000)

Cost Element	Total	Thru FY08	Rem. FY08	Total 6 Years	FY09	FY10	FY11	FY12	FY13	FY14	Beyond 6 Years
Planning, Design, and Supervision	271	0	-29	300	50	50	50	50	50	50	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	742	0	112	630	105	105	105	105	105	105	0
Construction	18	0	18	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0	0	0	0
Total	1,031	0	101	930	155	155	155	155	155	155	*

FUNDING SCHEDULE (\$000)

G.O. Bonds	1,031	0	101	930	155	155	155	155	155	155	0
Total	1,031	0	101	930	155	155	155	155	155	155	0

DESCRIPTION

This project provides for studies of guardrail needs along County-maintained roadways, the subsequent installation where they are determined to be required; and upgrading identified deficient and/or noncompliant end treatments to meet current Maryland State Highway Administration (MSHA) standards.

COST CHANGE

Increase due to the addition of FY 13-14 to this ongoing project.

JUSTIFICATION

Guardrails reduce the severity of run-off-the-road accidents, prevent collisions with fixed objects and protect embankments. Damaged or missing guardrails and deficient end treatments present a hazard to motorists, cyclists, and pedestrians. Guardrails have a finite service life and must be replaced at the end of this service life or when damaged in order to continue to provide safety benefits for all users. The March 2006, "Report of the Infrastructure Maintenance Task Force," confirmed this and identified the need for guardrail lifecycle replacement.

The existing tapered and buried guardrail end treatments provide a ramp for errant vehicles and do not meet current Maryland State Highway Administration (MSHA) standards. A study was completed to identify these substandard or deficient end treatments and to replace them to meet modern crash attenuation standards.

OTHER DISCLOSURES

- * Expenditures will continue indefinitely.

APPROPRIATION AND EXPENDITURE DATA

Date First Appropriation	FY81	(\$000)
First Cost Estimate	FY10	1,031
Current Scope		
Last FY's Cost Estimate		1,335
Appropriation Request	FY10	155
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		256
Expenditures / Encumbrances		83
Unencumbered Balance		173
Partial Closeout Thru	FY07	3,111
New Partial Closeout	FY08	304
Total Partial Closeout		3,415

COORDINATION

Federal Highway Administration
Maryland State Highway Administration
Montgomery County Public Schools

MAP

